

SEQUENCE LISTING



<110> Halkier, Torben
Jespersen, Lene
Jensen, Allan

<120> Novel Methods for the Identification of Ligand and Target Biomolecules

<130> 8641-104P

<140> US 09/744,012

<141> 2001-01-19

<150> ECT/DP99/00408

<151> 1999-07-26

<150> DE PA:998 00956

<151> 1998-07-20

<150> US 60/094,868

<151> 1998-07-29

<160> 40

<210> 1

<211> 451

<212> DNA

<213> Hordeum vulgare

<220>

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<222> (1)..(339)

<223>

<230>

<231> misc_feature

<232> (88)..(336)

<233> mature peptide

<400> 1

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                Met Ser Ser Val Glu Lys Lys Pro Glu
                1                5

gga gtg aac acc ggt gct ggt gac cgt cac aac ctg aag aca gag tgg      159
gly Val Asn Thr Gly Ala Gly Asp Arg His Asn Leu Lys Thr Glu Trp
10                15                20                25

cca gag ttg gtg ggg aaa tgg gtg gag gag gcc aag aag gtg att ctg      207
Pro Glu Leu Val Gly Lys Ser Val Glu Glu Ala Lys Lys Val Ile Leu
30                35                40

cag gac aag cca gag ggg caa atc ata gtt ctg cag gtg ggc acm att      255
Gln Asp Lys Pro Glu Ala Gln Ile Ile Val Leu Pro Val Xaa Xaa Ile
45                50                55

gtg acc atg gaa tat cgg atc gay cgc gtc cgc ctc ttt gtc gat aaa      303
Val Thr Met Glu Tyr Arg Ile Asp Arg Val Arg Leu Phe Val Asp Lys
60                65                70

ctc gac aac att gcc cag gtc ccc agg gtc ggc tag caagcttgag      349
Leu Asp Asn Ile Ala Gln Val Pro Arg Val Gly
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<210> 2
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 <213> H. vulgare culture

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 <222> (55)..(55)
 <223> The 'Xaa' at location 55 stands for Gly.

<220>
 <221> misc feature
 <222> (56)..(56)
 <223> The 'Xaa' at location 56 stands for Thr.

<400> 2

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Val	Glu	Glu	Ala	Lys	Lys	Val	Ile	Leu	Gln	Asp	Lys	Pro	Glu	Ala	Gln
		35				40						45			
Ile	Ile	Val	Leu	Pro	Val	Xaa	Xaa	Ile	Val	Thr	Met	Glu	Tyr	Arg	Ile
		50				55				60					
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Pro	Arg	Val	Gly												

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<220>
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27

<210> 4
 <211> 18
 <212> DNA
 <213> artificial sequence

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 <223> primer from H. vulgare CI-2A protein

<400> 4
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28

<210> 5
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<220>
<223> primer from pCMVbipap

<400> 5
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21

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<223> primer for pmCATIREShyg

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19

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<220>
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<400> 7
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<400> 9
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 <400> 10
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 <210> 11
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 <400> 11
 gaaatgttca caattagccc tg 22

 <210> 12
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 <220>
 <223> primer for pCMVbipep/CI-2A

 <400> 12
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 <400> 13
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 <210> 14
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 <400> 14
 gaagtcttat ggactggatc tggcgcatcc 30

 <210> 15
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 <221> primer for human immunoglobulin heavy chain signal peptide

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 <210> 24
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 <221> 20
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 <400> 27
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 <210> 30
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<114> DNA
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<100> 30
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<110> 32
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<170>
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<400> 32
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<110> 33
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 <112> DNA
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<120>
 <121> degenerate oligonucleotide

<120>
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 <122> (1)..(83)
 <123> "n" can be any nucleotide (a, c, g or t)

<400> 33
 tctgcggtg ggtagaattc nnnknknkn knknknknkn nnknknkcgga ttgatcgct 60
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<110> 34
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 <112> DNA
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<120>

210 39
 211 5788
 212 DNA
 213 artificial sequence

220
 221 Hybrid circular plasmid

401 39

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<219>
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76

<210> 43
<211> 44
<212> DNA
<213> artificial sequence

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44

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